

FIG.2

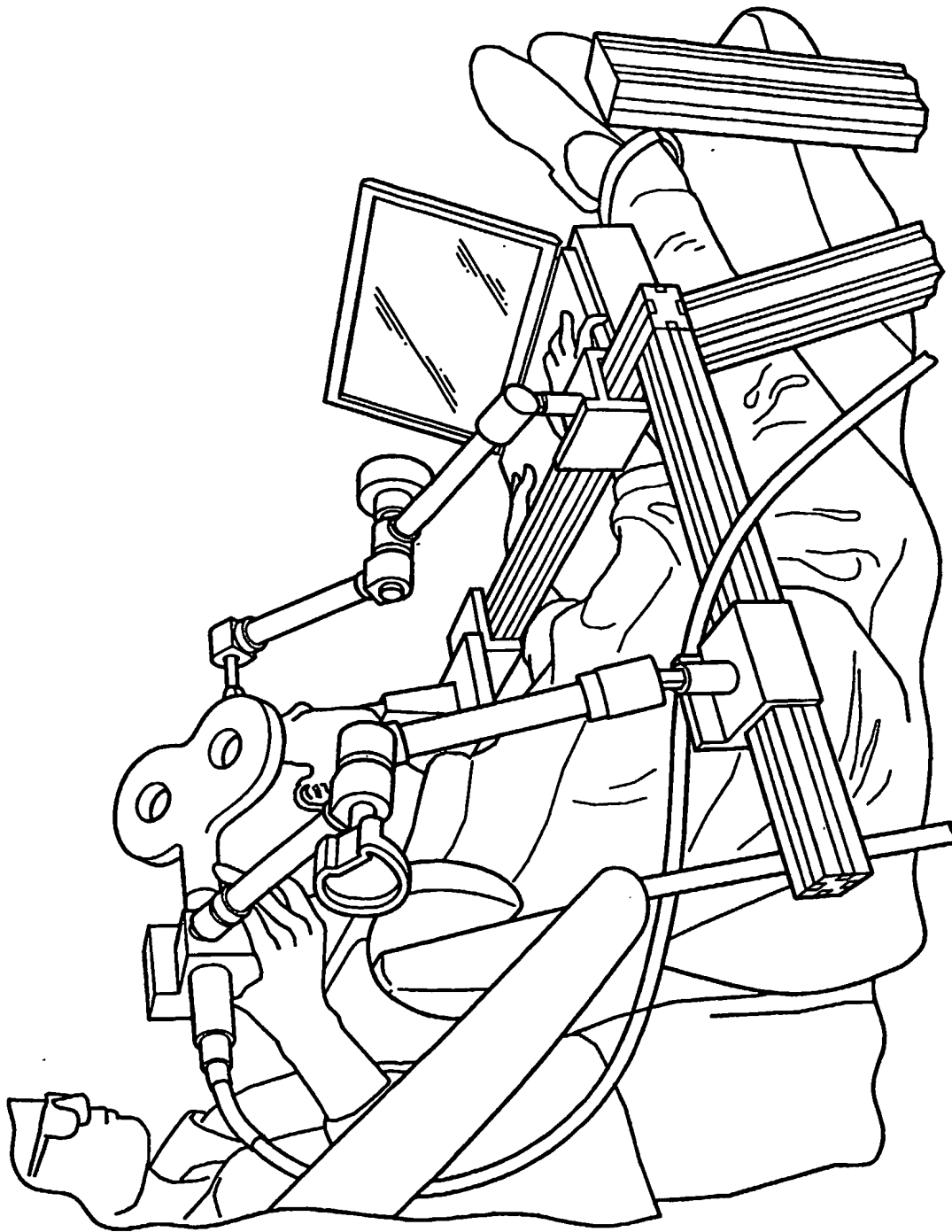


FIG. 3

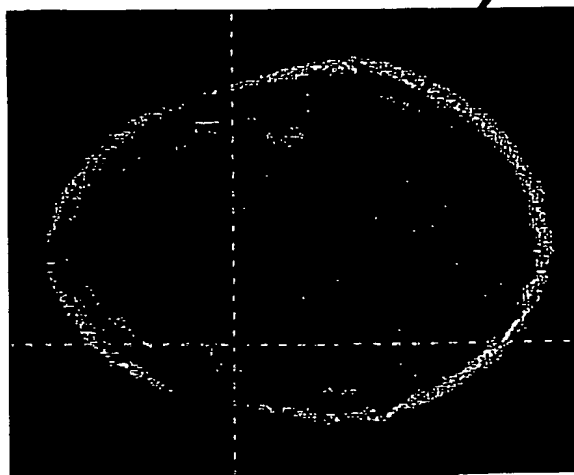
RESPONSE TIME

Region	pf5resptime	pf1hzrt	occ1hz	occ5hz
Prefrontal (unshaded)	~1170	~1310	~1160	~1280
Occipital (hatched)	~1170	~1310	~1160	~1280

ERROR RATES

Region	pf5e	pf1e	occ1	occ5
Prefrontal (unshaded)	~1.0	~4.0	~0.8	~2.0
Occipital (hatched)	~1.0	~4.0	~0.8	~2.0

FIG. 4



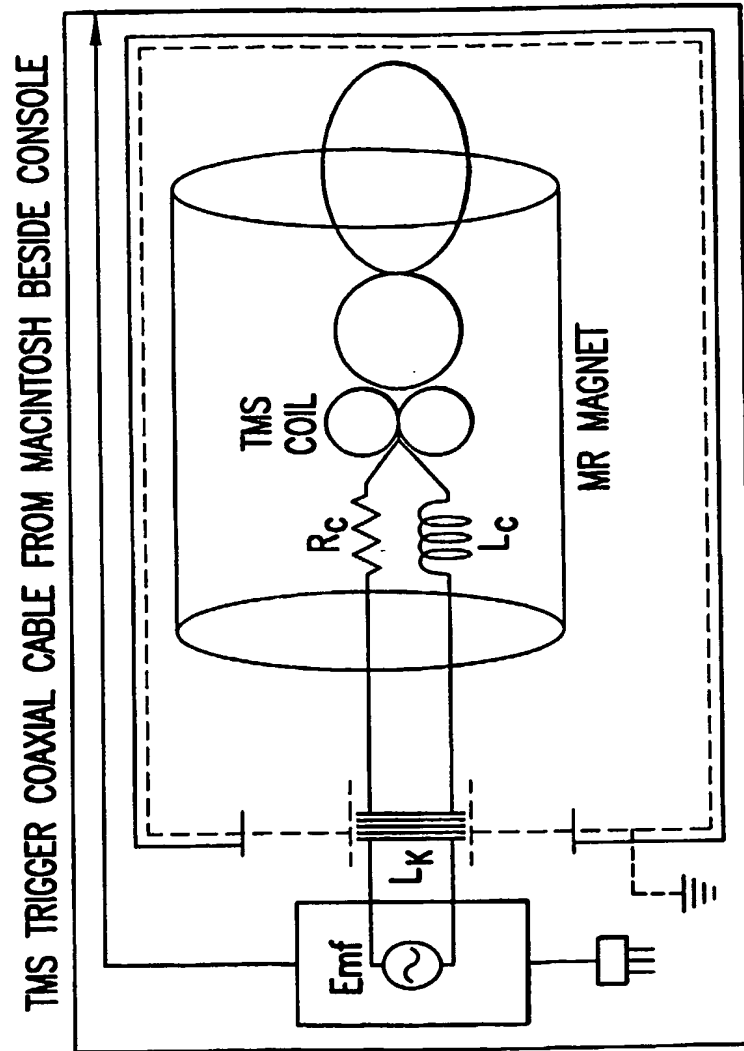


FIG.5

UNDERSTANDING TMS EFFECTS ON NEURONS

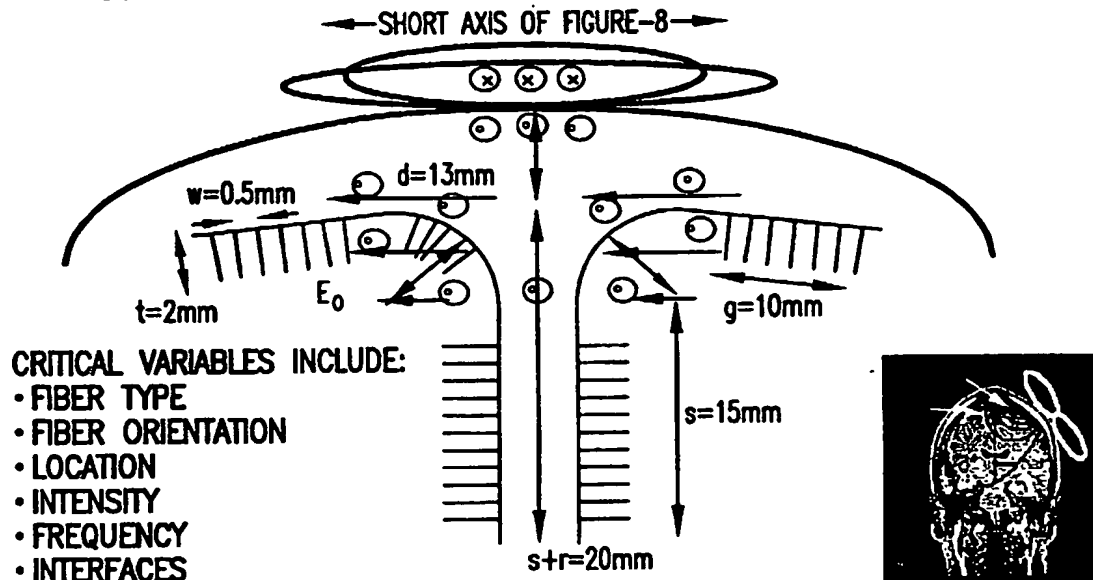


FIG.6

UNDERSTANDING TMS EFFECTS ON NEURONS

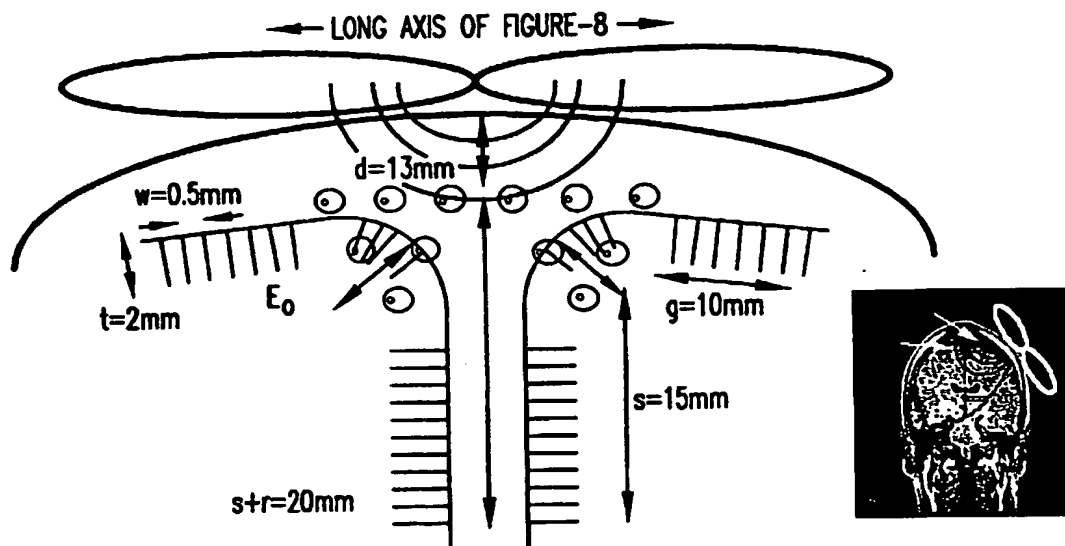
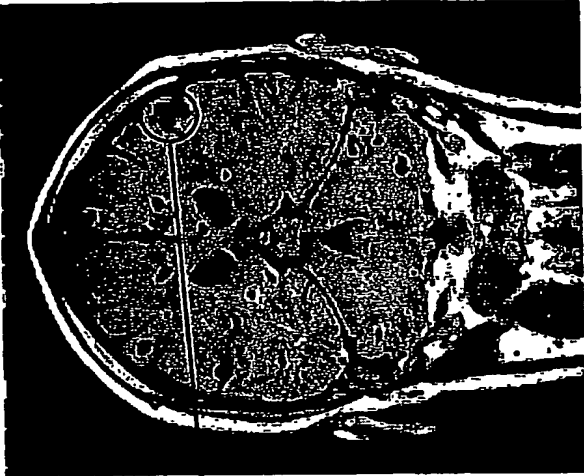
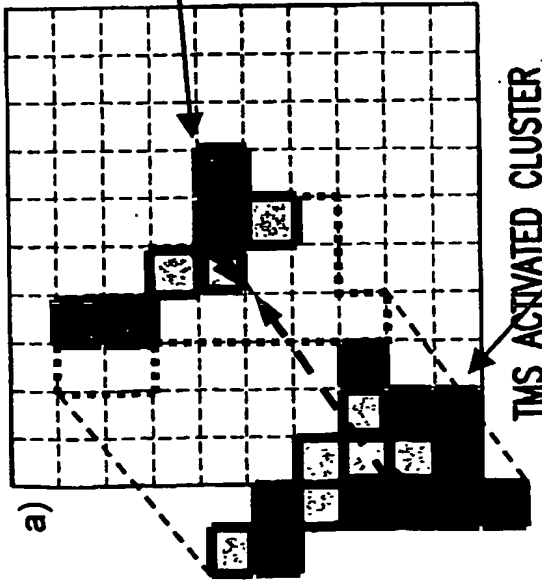


FIG.7

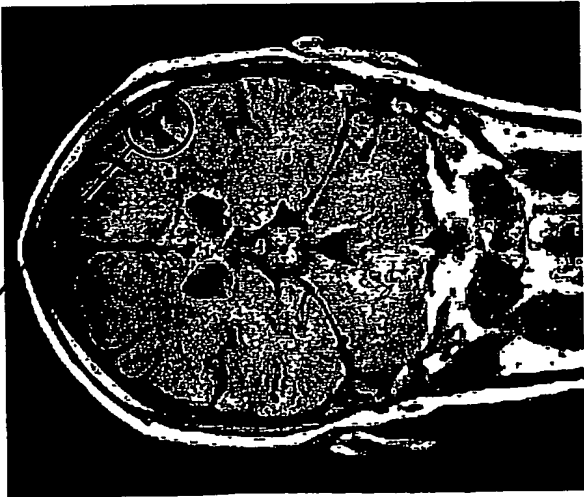
VOLition activated cluster



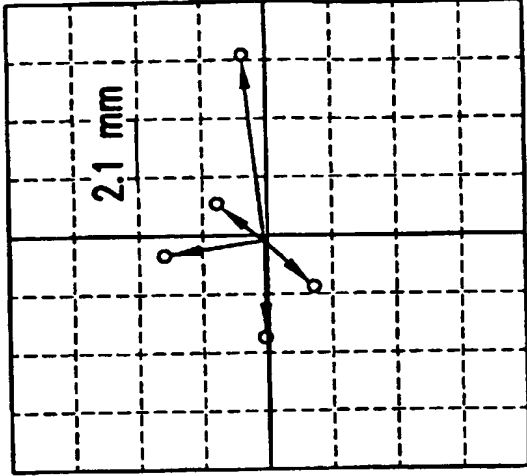
b)



a)



c)



d)

CLUSTER c-OF-a SHIFT (PIXELS)

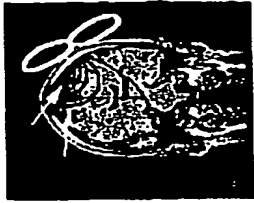


FIG.8

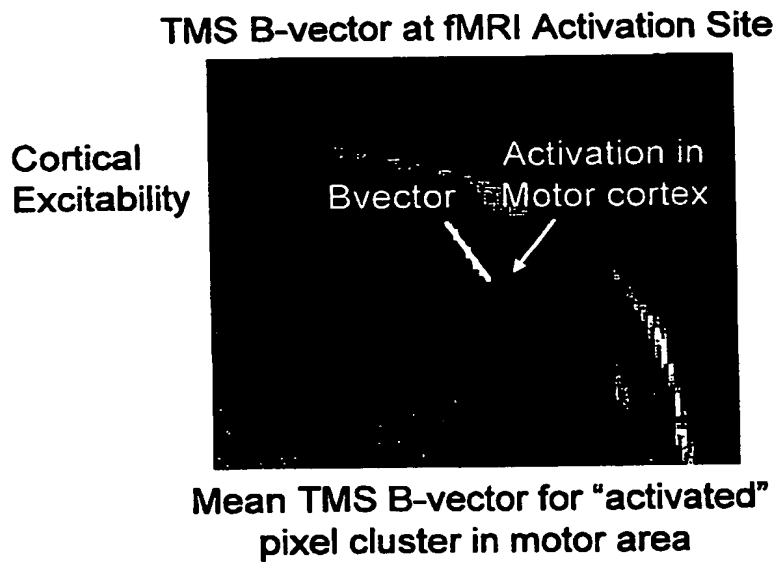
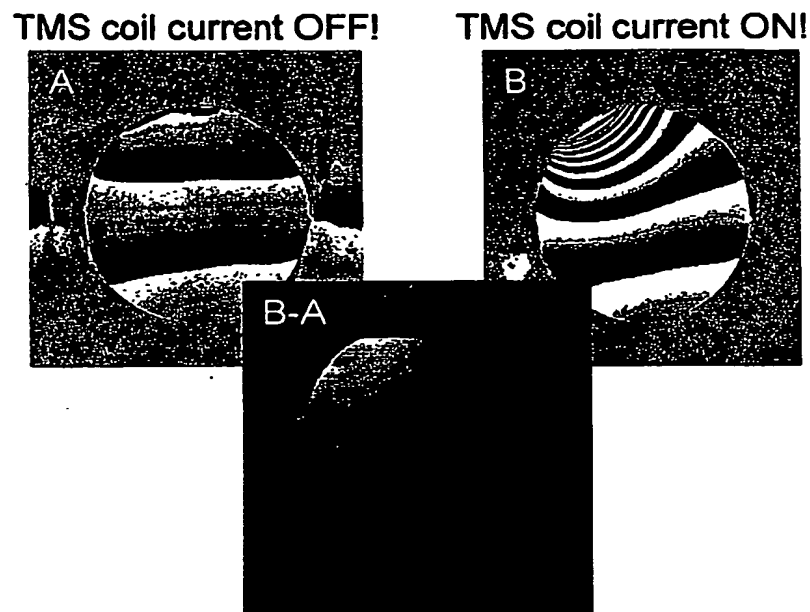


FIG.9

Using Conventional MRI
To Image the Magnetic Field of TMS



B-A= Phase Map of
Magnetic Field

FIG.10

